



## DECLARATION, POWER OF ATTORNEY, AND PETITION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "Broken Symmetry for Optimization of Resource Fabric in a Sea-of-Platform Architecture", the specification of which:

is attached hereto  
X was filed on March 25, 2004 as Application Serial No. 10/809,939, and was amended on  
\_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

Yes        No       

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(Number) (Country) (Date Filed)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a), regarding events which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

|  |                                    |                            |
|--|------------------------------------|----------------------------|
| <u>10/626,825</u><br>(Application Serial No.)                          | <u>07/23/2003</u><br>(Filing Date) | <u>Pending</u><br>(Status) |
| <u>10/044,781 now Patent No. 6,640,333</u><br>(Application Serial No.) | <u>01/10/2002</u><br>(Filing Date) | <u>Issued</u><br>(Status)  |
| <u>10/135,189</u><br>(Application Serial No.)                          | <u>04/30/2002</u><br>(Filing Date) | <u>Pending</u><br>(Status) |

I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint Sandeep Jaggi, Reg. 43,331; Peter P. Scott, Reg. 33,279; Timothy Croll, Reg. 36,771; Leo J. Peters, Reg. 33,562; Sean Patrick Suiter, Reg. 34,260; Kevin E. West, Reg. 43,983; Chad W. Swantz, Reg. 46,329; Nathan T. Grebasch, Reg. 48,600; R. Christopher Rueppell, Reg. 47,045; Peng Zhu, Reg. 48,063; Sunah Lee, Reg. 53,198, as my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith and before competent international authorities.

Please send all correspondence to:

**Leo Peters**

**Legal Department - IP**

**LSI Logic Corporation**

**M/S D-106**

**1621 Barber Lane**

**Milpitas, CA 95035**

**(408) 433-7472**

**CUSTOMER NO. 24319**

Wherefore, I pray that Letters Patent be granted to me for the invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification and claims, declaration, power of attorney, and this petition.

**First Inventor's Full Name:** Christopher L. Hamlin  
(First) (Initial) (Last)

**Inventor's Signature:**

Date: 6/23/04 Country of Citizenship: United States  
Residence Address: 310 Jensen Springs Road, Los Gatos, CA 95033  
Post Office Address: 310 Jensen Springs Road, Los Gatos, CA 95033

ASSIGNMENT OF APPLICATION

Docket Number: 04-0175

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

I, the undersigned,

do hereby sell, assign, and transfer to:

LSI LOGIC CORPORATION, a corporation of Delaware, having a place of business at 1621 Barber Lane, MS D-106, Milpitas, California 95035, ("Assignee"), its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent.

which has been executed by the undersigned concurrently herewith,

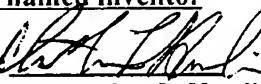
and which is entitled:

**Broken Symmetry for Optimization of Resource Fabric in a Sea-of-Platform Architecture**

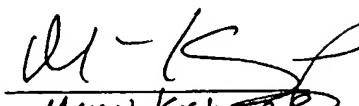
in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other application for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements, in said Assignee, its successors, assigns and legal representatives; and Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

First named inventor

Name:   
Christopher L. Hamlin

Date: 6/23/04

Witness Signature: 

Witness Printed Name: Manu Kashyap

Witness Address: 1621 Barber Lane  
Milpitas, CA 95035